

REMARKS/ARGUMENT

This Preliminary Amendment is being submitted to change the multiple dependent claims to single dependent claims in order to eliminate the improper multiple dependent claims and to reduce the government filing fee.

EXPRESS MAIL CERTIFICATE

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Dorothy Jenkins

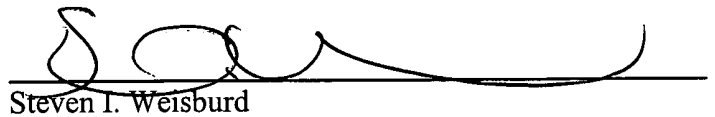
Name of Person Mailing Correspondence


Signature

July 19, 2001

Date of Signature

Respectfully submitted,


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APPENDIX B
VERSION WITH MARKINGS TO SHOW CHANGES MADE
37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

CLAIMS:

3. The ink jet recording head driving method comprising a plurality according to claim 1 [or 2], characterized in that at said dot forming process, drive waveform signals for discharging ink droplets with a large jet amount and those with a small jet amount are generated in combination.

4. The ink jet recording head driving method comprising a plurality according to claim 1 [or 2], characterized in that a dot forming process for generating drive waveform signals discharging ink droplets with a large jet amount and those with a small jet amount are alternately executed.

5. The ink jet recording head driving method comprising a plurality according to [one of the claims 1 to 4] claim 1, characterized in that said dot forming process is executed at least twice on one and the same place of said recording medium.

8. The ink jet recording head driving method comprising a plurality according to claim 6 [or 7], characterized in that combination of drive waveform signals selected at once of the dot forming process is determined on the basis of not only the number of times of said dot forming process but also the number of times whereof the same or different nozzles pass the place opposed to one and the same place of said recording medium.

12. An ink jet recording head driving circuit according to claim 10 [or 11], characterized in that said waveform generating means generates drive waveform signals for discharging ink droplets with a large jet amount and those with a small jet amount in combination.

13. An ink jet recording head driving circuit according to claim 10 [or 11], characterized in that said waveform generating means alternately generates a plurality of drive waveform

signals for discharging ink droplets with a relatively large jet amount and those with a relatively small jet amount at every scanning of said ink jet recording head in a first direction.

14. An ink jet recording head driving circuit according to [one of the claims 10 to 13] claim 10, characterized in that said control means executes at least twice of not only scanning in the first direction of said ink jet recording head but outputting said waveform selecting data on one and the same place of said recording medium.

17. The ink jet recording head driving circuit according to claim 15 [or 16], characterized in that said control means generates said waveform selecting data on the basis of the data, supplied from outside, concerning combination of drive waveform signals selected at not only once of scanning of said ink jet recording head in the first direction but also outputting the waveform selecting data.

20. The ink jet recording head driving circuit according to claim 15 [or 16], characterized in that said control means determines number of times of scanning of said ink jet recording head in the first direction but also number of times whereof the same or different nozzles pass the place opposed to one and the same place of said recording medium on the basis of a high-speed printing mode which is set up for printing in high-speed and a high-quality image mode which is set up for printing in high-quality image, determines the combination of drive waveform signals selected at not only once of scanning of said ink jet recording head in the first direction but also outputting said waveform selecting data on the basis of the determined number of times of scanning of said ink jet recording head in the first direction and number of times whereof the same or different nozzles pass the place opposed to one and the same place of said recording medium, and generates said waveform selecting data on the basis of the determined combination of said drive waveform signals.